MAR 2 2 2002 6

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2652 BT 03-2802

Application of Gary W. Ferguson

March 18, 2002

Serial No.

10/079,449

Group No.

Filed

February 19, 2002

Our Docket:

**FET 345** 

For

DISK DATA STORAGE MEDIA WITH EDGE TRACK DATA SURFACE, METHODS TO MANUFACTURE, EXPLOIT AND

CONVERT CONVENTIONAL DISK MEDIA TO THAT

HAVING AN EDGE TRACK DATA

Commissioner for Patents Washington, D.C. 20231

RECEIVED
MAR 2 6 2002

Technology Center 2600

Sir:

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56, 1.97, AND 1.98

Pursuant to applicant's duty of disclosure required under 37 C.F.R. § 1.56, applicant is submitting this information disclosure statement under 37 C.F.R. §§ 1.97 and 1.98 to bring to the attention of the U.S. Patent and Trademark Office the following references. The listing of any reference or the submission of a copy of any reference shall not be deemed as an admission that the listed or submitted reference is prior art for this application.

## **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on March 18, 2002.

Charles H. De Voe

Date of Signature: March 18, 2002

22501

23581
PATENT TRADEMARK OFFICE

Respectfully submitted,

KOLISCH, HARTWELL, DICKINSON,

McGORMACK & HEUSER

Charles H. DeVoe

Customer No. 23581 Registration No. 37,305

of Attorneys for Applicant

520 S.W. Yamhill Street, Suite 200

Portland, Oregon 97204 Telephone: (503) 224-6655

Facsimile: (503) 295-6679

-					X /			A	Application Number			
INFORMATION DISCLOSURE STATION (Use several sheet if meessaly)						FET 345 10 Applicant(s)			10/0/9,4	10/079,449		
						Gary W. Fe	rguson					
•			MAR 2 3	2002 G		Filing Date		G	roup Art Unit			
				<i>3</i> /	U.S. PATI	ENT DOCUME	NTS					
*EXAMINER INITIAL	REF		DOCUMENT NUMBER PRADE	ARII DATE		NAME		CLASS	SUBCLASS	FILING IF APPRO		
	A	3,97	71,874	July 1976	Ohta et	al				Aug. 26,	1974	
e.	В	4,06	64,521	Dec. 1977	Carlson		RE(	CEIVE	D	July 30,	1976	
	С	4,20	02,928	May 1980	Staebler	•	MA	R 2 6 200	12	July 24,	1978	
	D	4,35	50,973	Sep. 1982	Petryk,	Jr.	Technolo	gy Center	2600	July 23,	1979	
	E	4,61	6,237	Oct. 1986	Pettigre	w et al				Sep. 26,	1983	
	F	4,80	09,255	Feb. 1989	Johanne	es			·	June 28,	1986	
	G	4,83	35,757	May 1989	Abiko					Aug. 27,	1987	
	н	4,83	37,130	June 1989	Ohta et	al				Aug. 27, 1987		
	1	4,84	15,348	July 1989	Ho et al					June 20, 1988		
	J	4,998,238		Mar. 1991	Mizunoe et al					Oct. 25, 1989		
	К	5,02	22,020	June 1991	Langman et al					Aug. 14,	1989	
FOR						FOREIGN PATENT DOCUMENTS						
	REF		DOCUMENT NUMBER	DATE	DATE COUNTRY			CLASS	SUBCLASS	Trans YES	lation NO	
		<del> </del>									1	
					•							
		ļ			_							
						•			_			
		<u></u>			OTHER I	OOCUMENTS	(Including A	uthor, Title. D	ate, Pertinent Pa	ges, Etc.)		
	Т						,	,, 20				
					· · ·				····			
EXAMINE	R					DATE CONSII	DERED					
			tation considered, whether o copy of this form with next c			ce with MPEP S	ection 609; D	raw line throu	gh citation if not	t in conform	ance and	

					ATTY DOCKET NO. FET 345			SERIAL NO. 10.079,449				
	INF.	ORMATION DISCLOSURE (Use several sheets if necess			Gary W. Ferguson							
49	•		2 2002		FILING		GROUP					
				S. PATENT	DOCUMENTS	ı	<del></del>					
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT				
INITIAL	L	5,056,429	Oct. 1991	Hirosak	i		ED	July 19,				
•	М	5,077,717 Dec. 1991		Onishi e	et al R	ECE	ED	Nov. 21, 1990				
	N	5,099,465	Mar. 1992	Geiger e	et al	MAR 2	9 5005	May 3, 1988				
	o	5,120,940	June 1992	Willsie	Te	chnology	Ceuter 5600	Aug. 10, 1990				
	P	5,146,451	Sep. 1992	Kang				Dec. 31, 1990				
•	Q	5,170,299	Dec. 1992	Moon				Aug. 17, 1990				
	R	5,189,656	Feb. 1993	Masaki	et al			Mar. 10, 1992				
	s	5,195,794	Mar. 1993	Humme	l, Jr. et al			Oct. 16, 1990				
	Т	5,251,193	Oct. 1993	Nelson o	et al			Sep. 24, 1991				
	U	5,305,304	April 1994	Hayashi				Oct. 3, 1990				
	v	5,315,567	May 1994	Fuji et al				Nov. 19, 1991				
			FORE	IGN PATE	NT DOCUMENTS							
	DOCUMENT NUMBER DATE			COUNTRY CLASS			SUBCLASS	TRANS YES	LATION NO			
					,							
				-								
	ı	OTHER DOCUME	NTS (Includin	g Author	, Title, Date, Pertinent P	Pages, Etc.,	)					
				**								
EXAMINE	₹				DATE CONSIDERED							
		ial if reference considered, whethe			ance with MPEP 609; Draw li	ne through ci	tation if not in co	onformance	and not			

Form PTO-A820 (also form PTO-1449)

P09C/REV03

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

					FET 345 10/079				,449		
	INFC	RMATION DISCLOSUR (Use several shope in the control of the control	E CITATION		Gary W. Ferguson						
		(OSE SEVERAL SILEMA INTINCE	\ \( \begin{align*} \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\				GROUP				
		MAR 2 2	2002 (5) 	S. PATENT	DOCUMENTS						
*EXAMINER	ļ	DOCUMENT NO FRADEN	ARITO DATE		NAME	CLASS	SUBCLASS	FILING DAT			
	w	5,319,621	June 1994	Amar		RECE	IVED	Feb. 10,			
5	х	5,382,776	Jan. 1995	Arii et a	ıl		<b>6</b> 2002	April 30	, 1993		
	Y	5,473,585	Dec. 1995	Kim		Technology	Center 260	Sep. 21,	1993		
	z	5,521,899	May 1996	Taki		82.		Dec. 6, 1			
	AA	5,523,989	June 1996	Ishibasi	ni		Nov. 15				
	ВВ	5,568,455	Oct. 1996	Balsom				May 18,	1995		
	сс	5,587,982	Dec. 1996	Choi				Oct. 23, 1995			
	DD	5,617,385	April 1997	Lee et al				June 6, 1995			
	EE .	5,634,031	May 1997	Sakuma				Feb. 21, 1995			
	FF	5,635,114	June 1997	Hong				Aug. 14, 1995			
	GG	5,699,340	Dec. 1997	Lee et al				Dec. 26,	1995		
FOREIGN PATENT DOCUMENTS											
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI	LATION NO		
								-			
		OTHER DOCUM	ENTS (Includir	ng Author	, Title, Date, Pertine	nt Pages, Etc.)	<u>.                                    </u>		_		
			,								
									_		
EXAMINE	₹		<del>-</del>		DATE CONSIDERED						
		al if reference considered, whet de copy of this form with next o			ance with MPEP 609; Dr	aw line through cit	ation if not in co	nformance	and not		

ATTY DOCKET NO.

Form PTO-A820 (also form PTO-1449)

SERIAL NO.

## ATTY DOCKET NO. SERIAL NO. **FET 345** 10/079,449 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Gary W. Ferguson MAR 2 2 2002 FILING GROUP **U.S. PATENT DOCUMENTS** \*EXAMINER FILING DATE SUBCLASS DOCUMENT NUMBER NAME CLASS DATE INITIAL IF APPROPRIATE RECEIVE НН 5,700,539 Dec. 1997 Hong May 1, 1996 П Jan. 1998 Sep. 25, 1996 Choi et al 5,708,643 MAK 2 6 2002 Technology Center 2600 JJ Mar. 1998 Nov. 26, 1996 5,734,633 Aoki et al Nov. 19, 1997 KK 5,777,957 **July 1998** Lyman LL Green, Jr. et al June 13, 1997 May 1998 5,757,763 MM July 1998 Swanson et al Aug. 19, 1997 5,784,352 NN 5,881,044 Mar. 1999 Park et al Dec. 30, 1997 00 5,886,792 Mar. 1999 Beckett et al July 2, 1997 PP Nov. 13, 1995 5,901,132 May 1999 Choi QQ June 1999 Kamada et al Dec. 12, 1997 5,912,866 RR July 1999 March 24, 1997 5,926,337 Itou et al **FOREIGN PATENT DOCUMENTS** TRANSLATION SUBCLASS DOCUMENT NUMBER DATE COUNTRY CLASS YES NO (Including Author, Title, Date, Pertinent Pages, Etc.) OTHER DOCUMENTS

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820 (also form PTO-1449)

**EXAMINER** 

**DATE CONSIDERED** 

			ATTY DOCKET NO. FET 345	S	SERIAL NO. 10/079,449					
	INF	ORMATION DISCLASURE (Use several sheets if necess	ETATION	Gary W. Ferguson						
•		MAR 2 2	$\sim$	FILING			GROUP			
<u></u>		Firm	U.S	. PATENT	DOCUMENTS	i_				
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT		
INITIAL	SS	5,986,982	Nov. 1999	Furusay	wa RE(	CEIVI	ED.	Nov. 7,		
•	TT	5,986,997	Nov. 1999	Challen	er, iv	R 2 6 20		Sep. 10,	1997	
	UU	5,991,111	Nov. 1999	Howard	Technol	ogy Cente	2600	July 31, 1997		
	vv	6,046,968	April 2000	Abramo	ocitch et al			July 24, 1997		
	ww	6,046,973	April 2000	Thomas	3			Jan. 7, 1	999	
	XX	6,058,086	May 2000	Yeo et a	ıl			July 17, 1998 May 30, 1997		
	YY	6,077,582	June 2000	Yoshim	ura et al					
	ZZ	6,091,700	July 2000	Kobaya	shi			May 12,	1998	
-	AAA	6,111,824	Aug. 2000	Benson		•		July 17,	1998	
	ввв	6,111,826	Aug. 2000	Minase				Jan. 7, 1999		
	CCC	6,131,138	Oct. 2000	Packer et al		-		Aug. 18,	1997	
			FORE	IGN PATE	NT DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	NO NO	
	_			-						
•										
		OTHER DOCUMEN	NTS (Includin	g Author	I , Title, Date, Pertinent P	ages, Etc.)	<u>.</u>	<u> </u>		
			······				-			
EXAMINER	?				DATE CONSIDERED					
		al if reference considered, whether de copy of this form with next com			ance with MPEP 609; Draw li	ne through cit	ation if not in co	onformance	and not	

Form PTO-A820 (also form PTO-1449)

				ATTY DOCKET NO. FET 345			SERIAL NO. 10/079,449				
	INFO	RMATION DISCLOSURE (Use several sheets in lectes)	CITATION		Gary W. Ferguson						
•-			C		FILING		(	GROUP			
•		MWU 5 5 300	<u>W ~ </u>	. PATENT	DOCUMENTS						
*EXAMINER		DOCUMENT NO SETTRADEMA	DATE	-	NAME		~ lower/	BUBCLASS	FILING DATE		
INITIAL	DDD	6,137,767	Oct. 2000	Ro et al		HE	Careful Dances	<del></del>	Sep. 12,		
•	EEE	6,154,428	Nov. 2000	Lee		<del>\-</del>	AR 2 6 2	ater 2600)	July 2, 1998		
,	FFF	6,158,660	Dec. 2000	Blanfor	d et al	Techn	DIUGY VE		Feb. 25,	1999	
	GGG	6,178,154 Jan. 2001		Inata et	al				Feb. 8, 1999		
	ннн	6,188,651	Feb. 2001	Otani					Nov. 20, 1996		
	Ш	6,203,849	Mar. 2001	Weber e	et al				March 26, 1997		
	111	6,219,197	April 2001	Brown 6	et al				April 15, 1996		
	KKK	6,240,991	June 2001	Claussnitzer				Sep. 15, 1999			
	LLL	6,243,354	June 2001	Terasaki et al				April 22, 1998			
	МММ	6,276,606	Aug. 2001	Liou et al					Aug. 18, 2000		
	NNN 6,288,997 Sep. 2001			Nakamura et al					Sep. 7, 1	999	
FOREIGN PATENT DOCUMENTS											
		DOCUMENT NUMBER	DATE	COUNTRY CLASS			CLASS	SUBCLASS	TRANSI YES	ATION NO	
_											
		OTHER DOCUMEN	ITS (Includin	g Author,	Title, Date, Pe	rtinent F	Pages, Etc.,	)			
EXAMINER	₹				DATE CONSIDER	RED					
		al if reference considered, whether			ance with MPEP 60	09; Draw I	ine through ci	tation if not in co	onformance	and not	

Form PTO-A820 (also form PTO-1449)

INFORMATION DISOLOSURE CITATION					Docket Number (Optional) FET 345 Applicant(s)			Application Number 10/079,449			
•	IŅFO				Gary W. Ferguson Filing Date			Group Art Unit			
	_	E.	(3)		rung Date			Stoup Art Clar			
		TRADE	MARIOR	U.S. PAT	ENT DOCUMENT	S	-				
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	R	FCF	IVED		G DATE OPRIATE	
	000	6,295,262	Sep. 2001	Kusumo	oto et al	- 4 4	MÁR 2	-   -	April 9,	1998	
,	PPP	6,298,138	Oct. 2001	Gotoh e	t al	Tec	*****	Center 2600	Oct. 4, 2000		
,	QQQ	6,312,174	Nov. 2001	Drynkii	ı et al	Economic .	<del></del>	J 11001 1-0112	Nov. 13, 1998		
	RRR	6,315,203	Nov. 2001	Ikeda et	t al				Aug. 25, 1998		
	sss	6,324,353	Nov. 2001	Lausser	mair et al			Aug. 29, 2000			
	ттт	6,342,705	Jan. 2002	Li et al				Sep. 10, 1		1999	
-											
<u>-</u>											
					-						
	<u> </u>		<u>.l</u>	FOREIG	N PATENT DOCU	MENTS					
	REF	DOCUMENT NUMBER	DATE	COUNTRY			CLASS	SUBCLASS		slation	
							-		YES	NO	
							. "				
· · · ·								<u> </u>			
				<u>.</u>							
				OTHER I	DOCUMENTS (1	Including A	uthor, Title, I	Date, Pertinent Pa	ges, Etc.)		
	+										
EXAMINE	R		<del></del>		DATE CONSIDE	RED					
CAMINE											

Form PTO-A820 (also form PTO-1449)

not considered. Include copy of this form with next communication to applicant.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and